

## REMARKS

Applicants have amended claims 1 and 2 and have added new claims 4 and 5. No new matter has been added by this amendment. Support for the amendment can at least be found on p. 8, lines 4-6 and Figure 1. Claims 1-5 are currently pending.

### Rejections under 35 U.S.C. § 102

#### **Mizumoto**

Claims 1-3 were rejected under 35 U.S.C. §102(b) as being anticipated by Mizumoto (JP 6-216785 “IDS”; hereinafter “Mizumoto”).

The Office Action asserts that Mizumoto discloses a transmission circuit comprising a power amplifier whose gain is controlled; a detector detecting a transmission signal from the power amplifier and outputting a detection voltage corresponding to a level of the signal; a gain controller comparing a transmission power set voltage for setting the level of the transmission signal to be outputted from the power amplifier with the detection voltage and supplying a gain control voltage to the power amplifier, wherein the transmission power set voltage is sent through a low pass filter to the gain controller.

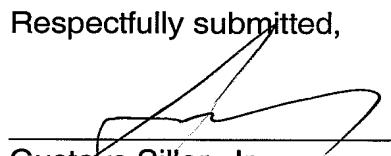
Applicant’s newly amended claim 1 requires the low pass filter to comprise a capacitor. This feature is neither described nor suggested by Mizumoto. Mizumoto’s low pass filter is connected between the output detection means or detector 7 and the level control means or gain controller, whereby the low pass filter averages output levels from the detector 7 (as described in [0016]). In contrast, the claimed low pass filter of the present application is connected between a supplied portion of transmission power set voltage and a gain controller, exemplified by Mizumoto’s level control means. However, since the low pass filter of claim 1 comprises a capacitor, the claimed arrangement enables the low pass filter to cause a gradual increase in the set voltage input to the gain controller. Accordingly, an excessively large transmission output signal is precluded, thereby preserving activity of and/or preventing destruction of the power amplifier. Since Mizumoto fails to teach or suggest each limitation recited in claim 1,

Mizumoto fails to anticipate claim 1, or claims 2 and 3 depending therefrom<sup>1</sup>. Applicant respectfully requests withdrawal of the above rejection.

**Conclusion**

Applicant respectfully submits that the application is in condition for allowance. The Examiner is respectfully requested to contact the undersigned in the event that a telephone interview would expedite consideration of the application.

Respectfully submitted,



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<sup>1</sup> Independent of the amendment to claim 1, Applicant further notes that the recited features in claim 3, in particular the open-close switch and its relationship to the low pass filter, are not disclosed or suggested by Mizumoto.